- applying the voltage to each electrode of the second subset of the plurality of electrodes to create the desired state in the new areas capable of tactile feedback.
- 8. The method of claim 1, wherein the dynamic tactile interface includes an electrostatic film and the applied voltage results in the desired state being formed on the electrostatic film
- **9**. The method of claim **1**, wherein the image is a visual image associated with the dynamic tactile interface.
- ${f 10}$. The method of claim ${f 1}$, wherein the image is a Braille symbol.
- 11. The method of claim 1, wherein the image represents an actuator in a keypad.
 - 12. A dynamic tactile interface comprising:
 - an electrostatic film capable of having at least an indent state and a protrusion state;
 - a plurality of electrodes arranged in a matrix configuration and positioned below the electrostatic film;
 - a plurality of support members located in between and perpendicular to the electrostatic film and the plurality of electrodes:
 - a plurality of charge circuits coupled to the plurality of electrodes; and
 - a controller configured to determine areas within an image that are configured for tactile feedback, determine a first subset of the electrodes that correspond to the areas, and send excitation signals to excite the first subset of electrodes.
- 13. The dynamic tactile interface of claim 12, further comprising a row encoder coupled to the plurality of charge circuits and a column encoder coupled to the plurality of charge circuits, wherein the controller is configured to control the row encoder and the column encoder to address the plurality of electrodes.
- 14. The dynamic tactile interface of claim 13, wherein each of the plurality of charge circuits includes a corresponding individual charge circuit arranged to excite the corresponding one of the plurality of charge circuits when activated in response to a first decoder signal and a second decoder signal being asserted, wherein the individual charge circuit is configured to receive the first decoder signal from the row encoder and the second decoder signal from the column encoder.
- 15. The dynamic tactile interface of claim 14, wherein the individual charge circuit is arranged to excite a corresponding electrode from the plurality of electrodes by applying a volt-

- age to the corresponding electrode in response to the first and second decoder signals received from the row encoder and the column encoder.
- **16.** The dynamic tactile interface of claim **14**, wherein the individual electrode of the plurality of electrodes is configured to cause an indentation in the electrostatic film in response to a positive voltage from the corresponding individual charge circuit from the plurality of charge circuits.
- 17. The dynamic tactile interface of claim 14, wherein the individual electrode of the plurality of electrodes is configured to cause a protrusion in the electrostatic film in response to a negative voltage from the corresponding individual charge circuit from the plurality of charge circuits.
- 18. The dynamic tactile interface of claim 14, wherein the controller is configured to identify new areas within the image that are configured for tactile feedback upon detecting an input in the area within the image capable of tactile feedback, determine a second subset of electrodes that correspond to the new areas, and send the excitation signals to the row encoder and the column encoder to excite the second subset of electrodes.
- 19. The dynamic tactile interface of claim 12, wherein the image is a visual image associated with the tactile display.
- 20. The dynamic tactile interface of claim 12, wherein the image includes non-visual areas of tactile feedback.
- 21. An apparatus for interfacing with a dynamic tactile interface, the tactile interface comprising an electrostatic film capable of having an indent state and a protrusion state, a plurality of electrodes positioned below the electrostatic film, a plurality of charge circuits coupled to the electrodes, and a plurality of support members located in between and perpendicular to the electrostatic film and the plurality of electrodes, the apparatus comprising:
 - a controller coupled to the plurality of charge circuits, the controller configured to determine areas within an image on the dynamic tactile interface that are configured for tactile feedback, determine a subset of the electrodes that correspond to the areas, and send excitation signals to the charge circuits to excite the subset of electrodes.
- 22. The apparatus of claim 21, wherein the areas capable of tactile feedback include virtual buttons.
- 23. The apparatus of claim 22, wherein the areas capable of tactile feedback include tactile feedback to distinguish a first virtual button from a second virtual button.

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